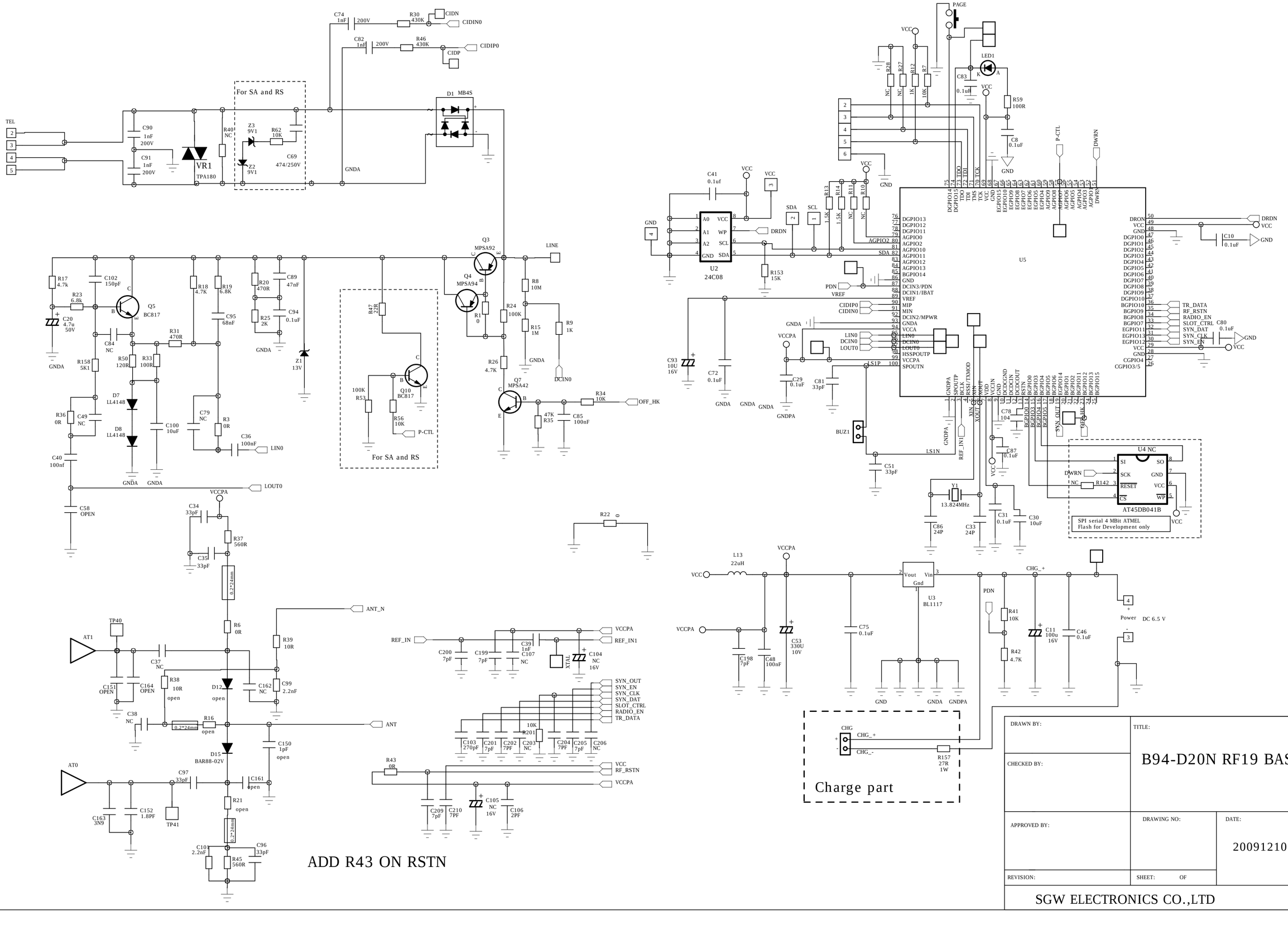
TEL
C74 1nF 200V
R30 430K
CIDN
CIDIN0
C82 1nF 200V
R46 430K
CIDP
CIDIP0
For SA and RS
D1 MB4S
C90 1nF 200V
C91 1nF 200V
VR1 TPA180
R40 NC
Z3 9V1
R62 10K
Z2 9V1
C69 474/250V
GNDA
Q3 MPSA92
LINE
R17 4.7k
C102 150pF
R23 6.8k
Q5 BC817
C20 4.7u 50V
GNDA
R18 4.7K
R19 6.8K
C95 68nF
R20 470R
C89 47nF
R25 2K
C94 0.1uF
Z1 13V
Q4 MPSA94
R1 0
R24 100K
R8 10M
R15 1M
R9 1K
DCIN0
R26 4.7K
R31 470R
C84 NC
R158 5K1
R50 120R
R33 100R
D7 LL4148
D8 LL4148
R36 0R
C49 NC
C100 10uF
C79 NC
R3 0R
C36 100nF
LIN0
C40 100nf
LOUT0
VCCPA
C58 OPEN
C34 33pF
R37 560R
C35 33pF
0.2*24mm
R6 0R
ANT_N
TP40
AT1
R39 10R
C37 NC
C151 OPEN
C164 OPEN
R38 10R
open
D12
C162 NC
C99 2.2nF
C38 NC
R16
open
ANT
C150 1pF
open
D15 BAR88-02V
AT0
C97 33pF
C161 open
R21 open
C163 3N9
C152 1.8PF
TP41
C101 2.2nF
C96 33pF
R45 560R
R47 22R
Q10 BC817
100K
R53
R56 10K
P-CTL
For SA and RS
R22 0
REF_IN
C200 7pF
C199 7pF
C39 1nF
C107 NC
XTAL
C104 NC 16V
VCCPA
REF_IN1
SYN_OUT
SYN_EN
SYN_CLK
SYN_DAT
SLOT_CTRL
RADIO_EN
TR_DATA
10K
R201
C103 270pF
C201 7PF
C202 7PF
C203 NC
C204 7PF
C205 7pF
C206 NC
R43 0R
VCC
RF_RSTN
VCCPA
C209 7pF
C210 7PF
C105 NC 16V
C106 2PF
ADD R43 ON RSTN
PAGE
VCC
R28 NC
R27 NC
R12 1K
R7 10K
LED1
C83 0.1uF
R59 100R
C8 0.1uF
GND
P-CTL
DWRN
C41 0.1uf
U2 24C08
SDA
SCL
R13 1.5K
R14 1.5K
R11 NC
R10 NC
DRDN
R153 15K
PDN
VREF
CIDIP0
CIDIN0
GNDA
VCCPA
C93 10U 16V
C72 0.1uF
C29 0.1uF
C81 33pF
GNDPA
LIN0
DCIN0
LOUT0
HSSPOUTP
VCCPA
SPOUTN
LS1P
LS1N
BUZ1
C51 33pF
U5
DGPIO13
DGPIO12
DGPIO11
AGPIO0
AGPIO2
AGPIO10
AGPIO11
AGPIO12
AGPIO13
BGPIO14
GND
DCIN3/PDN
DCIN1/IBAT
VREF
MIP
MIN
DCIN2/MPWR
GNDA
VCCA
LIN0
DCIN0
LOUT0
HSSPOUTP
VCCPA
SPOUTN
GNDPA
SPOUTP
BCLK
HSSI/TXMOD
XIN
XOUT
VDD
VCCIN
GND
DCICCND
DCICIN
DCICOUT
RSTN
BGPIO0
BGPIO3
BGPIO4
BGPIO5
BGPIO6
BGPIO14
BGPIO11
BGPIO12
BGPIO13
BGPIO15
SYN_OUT
GPIO_INT
REF_IN1
C78 104
C87 0.1uF
Y1 13.824MHz
C86 24P
C33 24P
C31 0.1uF
C30 10uF
DRON
VCC
GND
DGPIO0
DGPIO1
DGPIO2
DGPIO3
DGPIO4
DGPIO5
DGPIO6
DGPIO7
DGPIO8
DGPIO9
DGPIO10
BGPIO10
BGPIO9
BGPIO8
BGPIO7
EGPIO11
EGPIO13
EGPIO12
CGPIO4
CGPIO3/5
TR_DATA
RF_RSTN
RADIO_EN
SLOT_CTRL
SYN_DAT
SYN_CLK
SYN_EN
C10 0.1uF
C80 0.1uF
U4 NC
SI
SCK
RESET
CS
SO
GND
VCC
WP
DWRN
NC
R142
AT45DB041B
SPI serial 4 MBit ATMEL
Flash for Development only
L13 22uH
VCCPA
U3 BL1117
Vout
Vin
Gnd
C75 0.1uF
C53 330U 10V
C198 7pF
C48 100nF
CHG_+
PDN
R41 10K
R42 4.7K
C11 100u 16V
C46 0.1uF
Power
DC 6.5 V
CHG
CHG_-
R157 27R 1W
Charge part
DRAWN BY:
CHECKED BY:
APPROVED BY:
REVISION:
TITLE:
B94-D20N RF19 BASE
DRAWING NO:
DATE:
20091210
SHEET: OF
SGW ELECTRONICS CO.,LTD